

In the claims:

Please cancel, without prejudice, claim 3 and amend claim 1 as follows:

1. (Amended) Isolated anti-freeze protein which can be derived from plants characterised in that at least 40% the amino acids of said isolated anti-freeze protein are from the group of Serine, Threonine and Asparagine and in that said protein has at least 80% overlap with the following amino acid sequence

Cy
D-E-Q-P-N-T-I-S-G-S-N-N-T-V-R-S-G-S-K-N-V-L-A-G-N-D-N-T-V-I-S-G-D-N-N-
S-V-S-G-S-N-N-T-V-V-S-G-N-D-N-T-V-T-G-S-N-H-V-V-S-G-T-N-H-I-V-T-D-N-N-
N-N-V-S-G-N-D-N-N-V-S-G-S-F-H-T-V-S-G-G-H-N-T-V-S-G-S-N-N-T-V-S-G-S-N-
H-V-V-S-G-S-N-K-V-V-T-D-A

as well as modified versions thereof wherein the modification does not materially affect the ice recrystallisation inhibition properties.